

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Indra LAKSONO et al.

Title:

SYSTEM AND METHOD FOR MULTIPLE CHANNEL VIDEO

TRANSCODING

Application No.: 09/918,380

Filed:

07/31/2001

Examiner:

DIEP, Nhon Thanh

Group Art Unit: 2613

Atty. Docket No.: VIXS.0100090

(1459- VIXS009)

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INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449

Fee Transmittal

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

- 1. an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention;
- a representation that a search has been made, other than as described below; or 2.
- 3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance, such as through (i) an English language abstract, (ii) an English language equivalent application, (iii) reference to discussion in the application, or (iv) if cited in a search report or other action by a foreign patent office in a

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counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

STATEMENT UNDER 37 C.F.R. § 1.704(d)

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	each item of information contained in this Information Disclosure Statement cited in a communication from a foreign patent office in a counterpart appliand this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.			
		FEES DUE		
	This I	nformation Disclosure Statement is being filed:		
		within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.		
		before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.		
		during the period specified in § 1.97(c). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.		
		during the period specified in § 1.97(c). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal.		
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Should any PTO fees be necessary for entry of this Information Disclosure Statement, the undersigned hereby authorizes the Commissioner to charge Deposit Account <u>50-1835</u>.

Respectfully submitted,

9-17-05

Date

J. Gustav Larson, Reg. No. 39,263

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INFORMATION DISCLOSURE

Substitute for form 1449/PTO

Sheet 1

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

 Application Number
 09/918,380

 Filing Date
 07/30/2001

 First Named Inventor
 Indra LAKSONO et al.

 Art Unit
 2613

 Examiner Name
 DIEP, Nhon Thanh

Complete if Known

Attorney Docket Number VIXS.0100090 (1459-VIXS009)

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	AA	US- 5,027,203	06-25-1991	Samad, et al.			
	AB	^{US-} 5,115,812	05-26-1992	Sano, et al.			
	AC	US- 5,475,434	12-12-1995	Kim			
	AD	^{US-} 5,602,589	02-11-1997	Vishwanath, et al.			
	AE	^{US-} 5,635,985	06-03-1997	Boyce, et al.			
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	Al	^{US-} 5,737,020	04-07-1998	Hall, et al.			
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		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
	AT	EP 0661826 A2	07-05-1995	IBM		
	AU	EP 0739138 A2	10-23-1996	Kalmanek, et al.		
	ΑV	EP 0805599 A2	11-05-1997	Oki Electric Industry		
	AW	EP 0855805 A2	07-29-1998	Sharp KK		
	AX	EP 0896300 B1	02-10-1999	Matsushita Electric		
	AY	EP 0901285 A1	02-10-1999	Yamaguchi		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 8	Attorney Docket Number	VIXS.0100090 (1459-VIXS009)

Filing Date

Art Unit

First Named Inventor

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
	INO.	Number-Kind Code ^{2 (F known)}	IVIIVI-DD-1111	Applicant or Oiled Document	Figures Appear	
	AZ	^{US-} 6,167,084	12-26-2000	Wang, et al.		
	ВА	US- 6,182,203	01-30-2001	Simar, Jr., et al.		
	ВВ	US- 6,215,821	04-10-2001	Chen		
	ВС	^{US-} 6,219,358	04-17-2001	Pinder, et al.		
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	BS	EP 0955607 A2	11-10-1999	Sarnoff Corp.		
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	ВХ	EP 1087625 A2	03-28-2001	Sostawa et al.		

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Signature		Considered	

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STATEMENT BY APPLICANT

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of 8

Sheet 3

Art Unit 2613 **Examiner Name** DIEP, Nhon Thanh Attorney Docket Number VIXS.0100090 (1459-VIXS009)

			U. S. PATEÑ	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (F known)}			Figures Appear
	BY	^{US-} 6,438,168	08-20-2002	Arye	
	BZ	^{US-} 2001/0026591 A1	10-04-2001	Keren, et al.	
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	co	^{US-} 2003/0093661 A1	05-15-2003	Loh, et al.	
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Substitut	Substitute for form 1449/PTO			Complete if Known		
Cubana			•	Application Number	09/918,380	
INF	ORMATION	DIS	CLOSURE	Filing Date	07/30/2001	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Indra LAKSONO et al.	
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	(Use as many sheets as necessary)			Examiner Name	DIEP, Nhon Thanh	
Sheet	4	of	8	Attorney Docket Number	VIXS.0100090 (1459-VIXS009)	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
•	СŖ	YU, Donghoom, et al., "Fast Motion Estimation for Shape Coding in MPEG-4," IEEE Transactions on Circuits and Systems for Video Technology, Vol. 13, No. 4, 2003 IEEE, April 2003, pp. 358-363	
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Examiner	Date
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	te for form 1449/PTO		ot or 1999, no persons up	Complete if Known		
Cubana	20101101111 144011 10			Application Number	09/918,380	
INF	ORMATION	DIS	CLOSURE	Filing Date	07/31/2001	
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Indra LAKSONO et al.	
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(Use as many sheets as necessary)				Examiner Name	DIEP, Nhon Thanh	
Sheet	5	of	8	Attorney Docket Number	VIXS.0100090 (1459-VIXS009)	

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Examiner	Date	
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Cabana				Application Number	09/918,380	
INF	ORMATION	I DIS	CLOSURE	Filing Date	07/30/2001	
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Indra LAKSONO et al.	
	Also as many sh	ote se e	ásassand	Art Unit	2613	
(Use as many sheets as necessary)				Examiner Name	DIEP, Nhon Thanh	
Sheet	6	of	8	Attorney Docket Number	VIXS.0100090 (1459-VIXS009)	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	DJ	FUKUNAGA, Shigeru et al., "MPEG-4 Video Verification Model Version 16.0" International Organization for Standardization: Coding of Moving Pictures and Audio, Vol. N3312, March 2000, pp. 1-380, XP000861688,	
	DK	KRONER, Sabine et al., "Edge Preserving Noise Smoothing With An Optimized Cubic Filter," DEEI, University of Trieste, Trieste, Italy	
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	DQ	BRANDENBURG, Karlheinz, "MP3 and AAC Explained," Proceedings of AES 17th International Conference, XP008004053, pp. 99-110, Erlangen, Germany	
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	DS	HASSANZADEGAN, Hooman et al., "A New Method for Clock Recovery in MPEG Decoders," pp. 1-8, Basamad Negar Company, Tehran, Iran	

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Substitu	te for form 1449/PTO		-	Complete if Known			
Cubana	1970/10/11/1970/19			Application Number	09/918,380		
INF	ORMATION	DIS	CLOSURE	Filing Date	07/30/2001		
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Indra LAKSONO et al.		
	(Use as many she			Art Unit	2613		
	(Ose as many sne	rets as n	ecessary)	Examiner Name	DIEP, Nhon Thanh		
Sheet	7	of	8	Attorney Docket Number	VIXS.0100090 (1459-VIXS009)		

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	DT	KAN, Kou-Sou et al., "Low-Complexity and Low-Delay Video Transcoding for Compressed MPEG-2 Bitstream," Natinal Central University, Chung-Li, Taiwan	
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	DY	OZ, Ran et al., "Unified Headend Technical Management of Digital Services," BigBend Networks, Inc.	
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	EA	"CONEXANT Products & Tech Info: Product Briefs: CX24108," 2000-2002 Conexant Systems, Inc. access on 04/20/2001	
	EB	"CONEXANT Products & Tech Info: Product Briefs: CX22702," 2000-2002 Conexant Systems, Inc. access on 04/20/2001	
	EC	"TDC: Components for Modems & Digital Infotainment: Direct Broadcast Satellite Chipset," 2001 Telecom Design Communications Ltd., U.K., < <http: index.htm="" modmulti="" settop="" www.tdc.co.uk="">>, access on 04/20/2001</http:>	

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Signature	Considered	

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Cubana	10/10/11/19			Application Number	09/918,380	
INF	ORMATION	DIS	CLOSURE	Filing Date	07/30/2001	
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Indra LAKSONO et al.	
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	(Ose as many sne	ets as n	ecessary)	Examiner Name	DIEP, Nhon Thanh	
Sheet	8	of	8	Attorney Docket Number	VIXS.0100090 (1459-VIXS009)	

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Initials*	NO.					
	ED	"White Paper: Super G: Maximizing Wireless Performance," March 2004, Atheros Communications, Inc.," pp. 1-20, Document No. 991-00006-001, Sunnyvale, California				
	EE	KWOK, Y.K. et al., "Efficient Multiple Access Control Using a Channel-Adaptive Protocol for a Wireless ATM-Based Multimedia Services Network," March 29, 2000, Computer Communications 24(2001) 970-983, University of Hong Kong, Hong Kong, PRC				
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	EG	RAZAVI, Behzad, "Challenges in Portable RF Transceiver Design," September 1996, 1996 IEEE, pp. 12-25, Circuits & Devices				
	EH	MANNION, Patrick, "IceFyre Device Cools 802.11a Power Consumption," September 24, 2001, Planet Analog, National Semiconductor, < http://www.planetanalog.com/story/OEG20010924S0079 >, access on 11/05/2001				
	EI	"ICE Fyre Semiconductor: IceFyre 5-GHz OFDM Modem Solution," September 2001, pp. 1-6, ICEFYRE: Rethink Wireless, IceFyre Semiconductor, Inc.				
	EJ	POZAR, David M., "Theory and Design of Ferrimagnetic Components," 1990, pp. 529, Microwave Engineering, Addison-Wesley Publishing Company, Inc.				
	EK	"Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: High-Speed Physical Layer in the 5 GHz Band," 1999 IEEE, pp. 1-83, Supplement to IEEE Standard fo rInformation Technology, IEEE Std 802.11a-1999, LAN/MAN Standards Committee				
	EĻ	CICIORA, Walter S., "Cable Television in the United States: An Overview," May 25, 1995, pp. 1-90, Cable Television Laboratories, Inc., Louisville, Colorado				

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Fees pursuant to the Consolidated A			Application	Number	09/918,380								
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			Art Unit		2613								
TOTAL AMOUNT OF PAYMENT	(\$) 1	80.00	Attorney D	ocket No.	VIXS.0100090 (1459-VIXS009)								
METHOD OF PAYMENT (check all that apply)													
Check Credit Card Money Order None Other (please identify):													
X Deposit Account Deposit Account Number: 50-1835 Deposit Account Name: VIXS Systems, Inc.													
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)													
X Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee													
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